

ABSTRACT OF THE DISCLOSURE

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5 In a mobile communications system, its power consumption and time required for a mobile station to carry out neighboring cell search are reduced, and the complicated process involved in system design and management is simplified. A method is proposed of searching for a neighboring cell by using grouped channel identifiers sent from the sectors to the

10 mobile station in the mobile communications system that allows the mobile station communicating with a plurality of base stations to decide sectors the mobile station waits for or communicates with. It includes the step of assigning channel identifiers

15 belonging to the same group to sectors of the same base station, and the step of sending from the base station to the visiting mobile station a notification of any one of the channel identifiers assigned to the sectors of one of neighboring base stations.